

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP2004/004400

525508

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F25B27/00 F25B30/04 F25B17/08 H01L35/30 H01L35/00

Rec'd INT/PTO

24 FEB 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F25B H01L B60H H60H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) & JP 2002 059736 A (NISSAN MOTOR CO LTD), 26 February 2002 (2002-02-26) cited in the application abstract	1-10
A	----- US 6 272 873 B1 (BASS JOHN C) 14 August 2001 (2001-08-14) column 2, line 60 - column 4, line 21; figures 1,2a,2b	1-10
A	----- US 5 974 803 A (HAMMERSCHMID GUENTHER) 2 November 1999 (1999-11-02) the whole document ----- -/-	1-10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 September 2004

Date of mailing of the international search report

13/09/2004

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PCT/JP2004/004400

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 0150, no. 90 (E-1040), 5 March 1991 (1991-03-05) & JP 2 303381 A (MITSUBISHI ELECTRIC CORP.), 17 December 1990 (1990-12-17) abstract	1-10
A	----- WO 98/34807 A (EDBERG BO ; MISKIMIN MATT (SE); ZEBCO AKTIEBOLAG (SE)) 13 August 1998 (1998-08-13) the whole document	1-10
A	----- US 3 817 043 A (ZOLETA J) 18 June 1974 (1974-06-18) the whole document	1-10
P,A	----- EP 1 331 113 A (EBERSPAECHER J GMBH & CO) 30 July 2003 (2003-07-30) the whole document	1-10
P,A	----- US 2004/045594 A1 (HIGHTOWER ADRIAN) 11 March 2004 (2004-03-11) paragraph '0014! - paragraph '0015!; figure 2	1-10

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Information on patent family members

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PCT/JP2004/004400

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